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**ATTN: MS AMENDMENT**

**DATE:** June 5, 2006

**PTO IDENTIFIER:** Application Number 10/502083

Patent Number

**Inventor:** Lerchl et al.

**MESSAGE TO:** U.S. Patent & Trademark Office

**FAX NUMBER:** 571-273-8300

**FROM:** CONNOLLY BOVE LODGE & HUTZ LLP

Roberte M. D. Makowski

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**Attorney Dkt. #:** 12810-00046-US

**PAGES (Including Cover Sheet):** 11

**CONTENTS:** Amendment in Response to Non-Final Office Action (9 pages)  
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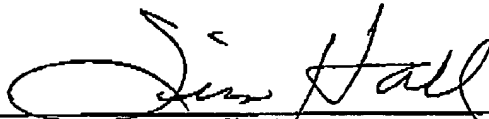
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Response to Office Action (9 pages)  
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Application No. 10/502,083  
Amendment dated June 5, 2006  
Reply to Office Action of February 3, 2006

Docket No.: 12810-00046-US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Jens Lerchl et al.

Application No.: 10/502,083

Confirmation No.: 4008

Filed: July 22, 2004

Art Unit: 1652

For: Novel Elongase Gene, and Process for the  
Preparation of Polyunsaturated Fatty Acids

Examiner: Mohammad Y. Meah

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**AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the Office Action dated February 3, 2006, please amend the above-identified U.S. patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 6 of this paper.